M. A. R. 57 (Rule 116)
Measurement Book

No. B 357854

Serial No. 1st and final Bill
Name of Work Package NO:01 (Package consists of 3 works of ward NO.9)
Name of Contractor of nature of Agency Sri. Ashwathnarayana Jalahalli village-13
Date of commencement of work D.D.R:- 21/06/21

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Est cost RS: 2.00 lakhs.						
	JOB code NO: 009-20-000055, 009-20-000054, 009-20-000053						
	Head of A/C: P3198 Special Developmental works in ward NO.09						
	Work order NO: BBMP/EE/BTP/WO/135/2020-21						Date: 18/11/2020
	Dismantling of existing structure like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete work, steel works, including TOP and scaffolding Etc.-- quantity wide EMB P.NO:						
			= 2.52 cum				
			Rate at RS: 660/cum			=	1663.00/-

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item NO2	Earthwork excavation by manual means for roads, drains and similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods etc --						
	Quantity vide EMB P.NO:					= 2230.10 cum	
	Rate at Rs: 300/cum						= 669030/-
NO3	Removing and refixing stone slabs of Drains and Pointing in cm (1:3) etc --						
	Quantity vide EMB P.NO:					= 323.51 sqm	
	Rate at Rs: 150/sqm						= 48527.00/-

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 357855

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 4)	Providing and laying Plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs with crushed 40mm and down size graded granite metal coarse aggregates etc.— Quantity vide EMB P.NO: = 303.07 cum Rate at Rs: 5550/cum					= 1682039.00/—	
Item 5)	Providing laying Plain/reinforced cement concrete for side Drains using M20 nominal mix concrete with OPC at 300kgs, with 20mm and down size etc— Quantity vide EMB P.NO: = 582.00 cum Rate at Rs: 7500/cum					= 43,65,000.00/—	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No 6)	Providing and laying in position plain cement concrete of min 1:2:4 with cement @ 250 kgs, with 20mm and down size graded granite metal coarse etc.-						
	Quantity vide EMB P.No				= 12.50 cum		
					Rate at Rs: 5842/cum	=	73730.00/-
Item No 7)	Providing T.M.T. bars Fe 500 steel reinforcement for R.C.C works including straightening, cutting, bending bending placing in position, lapped and/or welding etc-						
	Quantity vide EMB P No				= 35.16 tonne		
					Rate at Rs: 80000.00/tonne	=	2812800.00

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 357856

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8)	providing and constructing granite size stone masonry in foundation cement mortar 1:6 stone hammered dressed etc--						
	Quantity vide E.M.B P.No:				= 15.44 cum		
	Quantity Above 125 t.				Rate at Rs: 6000/cum		= 92640.00/-
					= 51.25 cum		
					Rate at Rs. 5114.37/cum		= 262265.00/-
9)	Providing and Fixing pre cast covering slab made out of CC 1:2:4 with 10cm thick and finishing cutting etc--						
	Quantity vide E.M.B P.No				= 90.63 sqm		
					Rate at Rs. 2337/sqm		= 211758.00/-

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MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
1) Providing and Fixing pre cast covering slab of 50mm thick made out of CC 1:2:4 and jelly 20mm down size with steel reinforcement including form works Etc.						
Quantity vide EMB P.No 5418					= 92.52 Sqm	
Rate at Rs: 2327/Sqm					= 501233.00/-	
2) Providing and laying 100mm thick pre-cast cover slabs over drains of width not exceeding 600mm using M20 concrete reinforced with steel Etc						
Quantity vide EMB P.No					= 74.40m	
Rate at Rs: 1145/m					= 85188.00/-	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 357857

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No 12	Providing and fixing pre cast solid cement concrete Kerb stones out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively 400mm high and 450 mm in length finished with cm 1:3 plastering Quantity vide MB P.NO Rate at Rs = 500/NO'S				= 22.4/NOS		= 11205.00/-
Item No 13	Providing and applying ready mix Priming coat over concrete masonry as besTOS cement sheet plastered Etc-- Quantity vide E MB P.NO Rate at Rs 39/sqm				= 403.32 sqm		= 15729.00/-

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item NO 14)	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered etc-						
	Quantity vide EMB P.NO					= 403.32 sqm	
	Rate at Rs: 84/sqm					= 33879.00/-	
Item NO 15)	Excavation for road work in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and sides slopes etc-						
	Quantity vide EMB P.NO					= 336.92 cum	
	Rate at Rs: 56.00/cum					= 18868.00/-	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 357858

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
16)	Scarifying bituminous course 50mm to 75mm thick along with Premix carpet/Surface dressing by road roller attached etc--						
	Quantity vide EMB P.NO				= 1192.50sqm		
	Rate as RS: 411/50sqm					= 48572.00/-	
17)	Construction of granular sub-base Grading-V as sub-base and Drainage layer by providing coarse graded crushed etc—						
	Quantity vide EMB P.NO				= 30.60 cum		
	Rate as RS: 1994/cum					= 61016.00/-	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
18)	Compaction of original ground by mechanical means including Filling in depression occuring during roling etc.						
	Quantity vide EMB P.NO				= 1192 Sqm		
	Rate at Rs: 7/Sqm					= 8344.00/-	
9)	Providing, laying, spreading and compacting crushed stone aggregates of granite/trap/basalt etc —						
	Quantity vide EMB P.NO				= 421.15 cum		
	Rate at Rs: 200/cum					= 84230.00/-	
10)	Providing and Applying Prime coat with SS bitumen emulsion in prepared etc —						
	Quantity vide EMB P.NO				= 2478.88 Sqm		
	Rate at Rs: 28/Sqm					= 69394.00/-	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

357859

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
21	Cleaning the existing black topped surface with broom soft brushes and finally dusting with old Gunny bags etc— Quantity vide E.M.B P.No Rate at Rs: 5.00/Sqm					= 6935.98 Sqm = 34695.00/-	
22	Providing and applying tack coat using SD/100 graded bitumen (VG10) on the prepared black topped surface etc— Quantity vide E.M.B P.No Rate at Rs: 12/Sqm					= 6935.98 Sqm = 83268.00/-	

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MEASUREMENT BOOK

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading premixed with VG 30 grade bitumen etc —						
	Quantity vide E M B P.No				= 102.99 cum		
	Rate at Rs 6597/cum					= 679425.00	
	Providing and laying Bituminous Concrete (Hot mix) with Hot mix Plant, using crushed aggregates of specified grading etc —						
	Quantity vide E M B P.No				= 305.14 cum		
	Rate at Rs 8155/cum					= 2488417.00	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 357860

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
25)	Road marking with ready Applied Thermoplastic compound with Reflectorising Glass Beads on Bituminous surface/concrete surface. Etc—						
	Quantity vide EMB P.No				= 245.38 Sqm		
	Rate @ Rs:				=45H/Sqm	= 11276.50/—	
26)	Cement concrete pavement construction of un-reinforced pain cement concrete for pavement, using a grade concrete M30 over a prepared base with opc coarse aggregates,						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 357860

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
25)	Road marking with 1107 Applied Thermoplastic compound with Reflectrising Glass Beads on Bituminous surface/concrete surface. Etc—						
	Quantity vide EMB P.No				= 2145.38 Sqm		
		Rate of Rs:			=45/-/Sqm		= 11276.50/-
26)	Cement concrete pavement construction of un-reinforced plain cement concrete for pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregates,						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@0.69cum fine aggregate @0.46cum, coarse and fine etc-						
	Quantity vide EMB P.NO				= 46.96cum		
					Rate at RS: 5354/cum	= 2514240/-	
					TOTAL AMOUNT RS:	1,85,79,166.00	
					GST @ 12%.	= 2229500.00	
					GRAND TOTAL AMT RS:	2,08,08,666.00	
	Certificate						
	1) Certified that the above work done satisfactory						
	2) NO materials issued from Department						

21/06/21

21/06/21

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Vidyaranyapura Sub Division

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M. A. R. 57 (Rule 116)

Measurement Book

No. B

357861

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	17th floor						
	136.00 m		70.00 m				
	73.80 m		71.00 m		NTI Ground		
	10th floor				166.00 m		
	8th floor						
	120.30 m						
24/06/21							

Assistant Executive Engineer
Vidyaranyapura Sub Division
07

Vidyaranyapura Main Road

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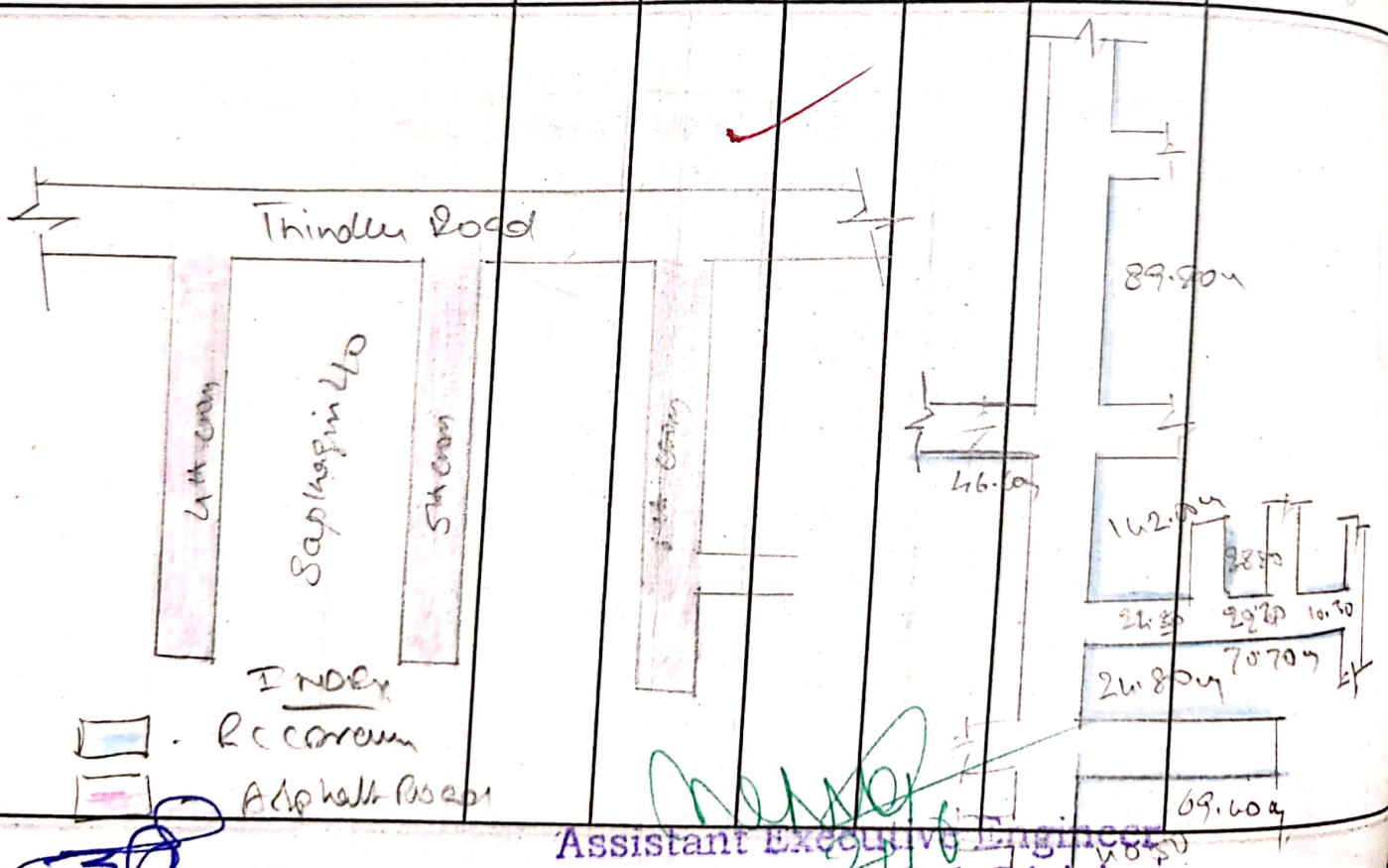
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



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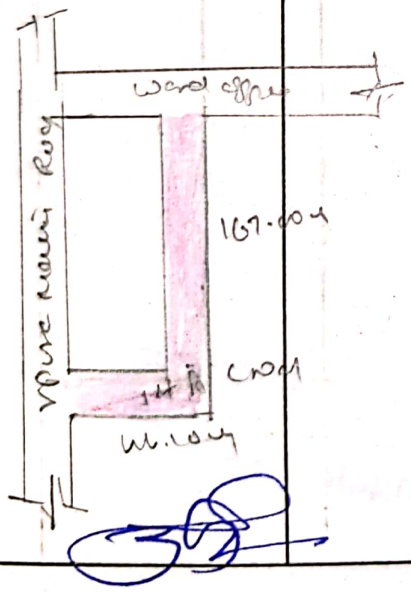
M. A. R. 57 (Rule 116)
Measurement Book

No. B 357862

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							

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BBMP Bangalore - 97

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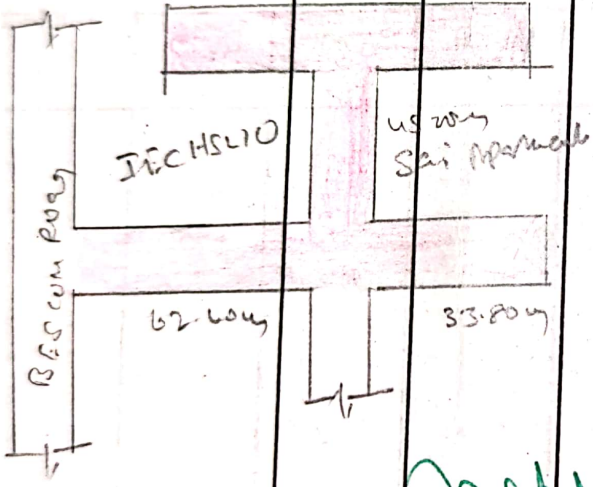
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			81.00 m				
			45.20 m				
			62.60 m				
			33.80 m				



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Vidyaranyapura Sub Division
BBMP, Bangalore - 97

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M. A. R. 57 (Rule 116

Measurement Book

No. B 357863

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Final bill —						
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P-3698 ರಡಿ						
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 20808600=00 ಕಾಸು ಮಾಡಿದೆ.						
	ಇದರಲ್ಲಿ ರೂ. 1044355=00 ಗಳನ್ನು ಹೊಂಡಾಣಿಕೆ						
	ಮಾಡಿಕೊಂಡು ರೂ. 19764245=00 ಗಳನ್ನು						
	FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ						
	ವಿಷಯ ನಿರ್ವಾಹಕರು						
	ಲೆಕ್ಕಾಧಿಕ್ಷಕರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು						
	ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃಬೆಮ.ಪಾ. ಬೆಂಗಳೂರು						
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	IT - 208086=00						
	LC - 208086=00						
	SBF - 20809=00						
	Cess - 185792=00						
	SSR - 185792=00						
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